THE JOHNS HOPKINS UNIVERSITY
BALTIMORE

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# CONFERRING OF DEGREES

AT THE CLOSE OF THE FIFTY-THIRD ACADEMIC YEAR

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JUNE 11, 1929

IN THE LYRIC THEATRE

AT 4 P. M.

## MARSHALS

Professor William O. Weyforth
*Chief Marshal*

*Aids*

Professor G. H. Cartledge
Dr. R. T. Abercrombie
Dr. G. H. Evans
Professor J. C. Smallwood
Professor Florence E. Bamberger
Professor A. M. Chesney
Professor W. W. Ford
Professor S. J. Hart

## USHERS

William Purnell Hall, Jr.
*Chief Usher*

George Gump
George Kay
Burrell Kilmer
Edwin Lockard
Robert Lyons
Maxwell Sauerwein
Walter Scheidt
Fred Waring
S. Carson Wasson

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## MUSIC

The program is under the direction of Philip S. Morgan and will be presented by the Johns Hopkins Orchestra, Bart Wirtz, Conductor. The orchestra was founded in 1919 by the Johns Hopkins Musical Association, organized for the promotion of good music in the University and community, the officers of which are Philip S. Morgan, of the Johns Hopkins Alumni Association, *President;* Frederick H. Gottlieb, *Vice-President;* Professor Frank Morley, *Secretary;* Ferdinand C. Smith, *Executive Secretary;* S. Page Nelson, *Treasurer.* Seventy-three symphony concerts have been given, and the orchestra, which is composed chiefly of amateurs, has played on nineteen occasions for public exercises of the University.

# ORDER OF EXERCISES

I

ACADEMIC PROCESSION

War March from "Athalie"—*Mendelssohn*

II

INVOCATION

The Reverend CHARLES E. MCALLISTER

Rector of St. Michaels and All Angels Church

III

ADDRESS

Dr. FREDERICK GEORGE DONNAN

Professor of General Chemistry, University College, London

IV

MUSIC

Andante, Symphony Number Two—*Haydn*

V

CONFERRING OF DEGREES

Bachelors of Arts, presented by Dean AMES

Bachelors of Engineering, presented by Dean WHITEHEAD

Bachelors of Science in Chemistry, presented by Dean WHITEHEAD

Bachelors of Science in Economics, presented by Professor HOLLANDER

Bachelors of Science, presented by Professor BUCHNER

Recipients of Certificates in Public Health, presented by Professor HOWELL

Masters of Arts, presented by Professor MILLER

Doctor of Engineering, presented by Dean WHITEHEAD

Doctors of Public Health, presented by Professor HOWELL

Doctors of Science in Hygiene, presented by Professor HOWELL

Doctors of Medicine, presented by Dean WEED

Doctors of Philosophy, presented by Professor MILLER

Doctor of Laws, presented by Professor PATRICK

VI

PRESENTATION OF COMMISSIONS IN THE OFFICERS' RESERVE CORPS

VII

ADDRESS

THE PRESIDENT OF THE UNIVERSITY

VIII

MUSIC

"Stars and Stripes Forever"—*Sousa*

IX

BENEDICTION

# CANDIDATES FOR DEGREES

## BACHELORS OF ARTS

John Hamilton Allen, of Connecticut
George Edwin Banks, Jr., of Maryland
William Bradford Banks, of Maryland
Thomas Barnett, of Pennsylvania
Edward Thomas Beall, of Maryland
Francis Morris Benson, of Maryland
James Allport Berger, Jr., of Maryland
Welcome Browning Betts, of New York
Nunzio Anthony Bicchieri, of Massachusetts
Harry David Bilcovitch, of Pennsylvania
Kenneth Worthen Blakeslee, of Maryland
Joseph Bloom, of Maryland
Charles Bernard Brack, of Maryland
Johan Peter Burfeind, of New Jersey
Edgar Thrall Campbell, of Maryland
Howard Manning Caplan, of Maryland
Samuel Vannort Chapman, of Maryland
Joseph Colvin, of Maryland
Paul Lee Cordish, of Maryland
Solomon Danoff, of Maryland
Thomas McParlin Davis, of Maryland
Eldridge Foster Dowell, of Maryland
Wilmer Henry Driver, of Maryland
James Kay Eagan, Jr., of Maryland
Israel Edward Eagle, of Maryland
Rafael Angel Fiol, of Cuba
Joseph Freedman, of Connecticut
Clyde McMillin Friz, of Maryland
Mark Edward Gann, of Maryland
Irving Kunen Gordon, of Maryland
William Browne Hammond, of Maryland
Howard Garland Hershey, of New York
William Grafton Hersperger, of Maryland
Albert Joseph Himelfarb, of Maryland
Donald Hiss, of Maryland
Richard Kendall Irons, of Delaware
Frank Reid Isaac, Jr., of Maryland
Ferdinand Emil Kadan, of Maryland
William Alfred Kegan, of Maryland
Myron Lewis Kenler, of Maryland
Harvey Louis Kesmodel, Jr., of Maryland
Huber Frederick Klemme, of Maryland
Edward Bennett Kolb, of Maryland
John Bartlett Littlefield, of Pennsylvania
Louis Grandin Llewelyn, of Maryland
Henry Benedict Makover, of Maryland
William Rigby McDorman, of Maryland
Milton Herman Medenbach, of Maryland
John Sanders Miller, Jr., of Virginia
James Irving Moore, of Maryland
Philip Wahmann Ness, of Maryland
Deeley Krager Nice, of Maryland
Robert Addison Nicolls, of Maryland
Leonard Bathurst Nolley, of Maryland
John Robinson Norris, of Maryland
Philip Everngam Nuttle, of Maryland
Alfred Abraham Orans, of New York
Kermit Edward Osserman, of New York
Louis Posner, of Maryland
Milton Williams Powell, Jr., of Maryland
Joseph Harman Purdy, of Maryland
Herman Max Schiebel, of Pennsylvania
Harry O. Schloss, Jr., of Maryland
Samuel Selsky, of Maryland
Donald Robert Sharretts, of Maryland
Michael Joseph Wieciech Soltis, of Maryland
Daniel Sondheimer, of the District of Columbia
Richard Henry Todd, of Maryland
James Valliant, of Maryland
John Edward Waaser, Jr., of Pennsylvania
Herbert Arnold Wilkinson, of Iowa
Richard Holbrook Wood, of the District of Columbia
William Wright Wood, Jr., of Maryland
Alexander Coulter Woods, Jr., of Maryland

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### GRADUATING WITH HONOR

William Bradford Banks
Huber Frederick Klemme
Harry O. Schloss, Jr.

## BACHELORS OF ENGINEERING

Charles Bates Barker, of Maryland
Lunsford Emory Bennett, of Maryland
William McLean Bingley, of Maryland
John Lawrence Brockman, of Maryland
Boyd Shreve Brooks, of Maryland
Richard Heyser Bussard, of Maryland
James Albert Chalk, Jr., of Maryland
George Pierce Daiger, of Maryland
Julian Ashton Devereux, of Maryland
Harold William Diehl, of Maryland
John Pennington Eldridge, of Maryland
Melvin William Embury, of Maryland
William Summers Farr, of Maryland
Adolph Fibel, of Maryland
Robert Jefferson George, of Maryland
Joseph S. A. Giardina, of Maryland
Theodore Frederick Gleichmann, of Maryland.
Eugene Willis Greenfeld, of Maryland
Franz John Hartig, of Maryland
Marion McDonnal Iglehart, of Maryland
Harold Egil Steem Jersin, of Maryland
Milton Morris Kellert, of Maryland
Robert Luke Kelly, of Maryland
Overton Harcourt Klinefelter, of Maryland
Abraham Bernard Kriegel, of New York
Stanley Melcher Lausch, of Maryland
Herbert Nelson Loizeaux, of Maryland
William Woods McDowell, of Maryland
Charles Edmund McCaffray, of Maryland
Millard Arthur Nelson, of Maryland
John Harold North, of Maryland
Jack Crockett Northam, of Maryland
William Edwin Plummer, of Maryland
Charles Russell Riley, of Maryland
Lloyd Eugene Root, of Maryland
William Noble Rosser, of Maryland
Charles Joseph Scherer, of Maryland
Raymond Agustus Snyder, of Maryland
George M. L. Sommerman, of Maryland
Basil Duckett Storrs, of Maryland
Brainerd Douglas Wilson, of the District of Columbia

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### GRADUATING WITH HONOR

Robert Jefferson George
Franz John Hartig
Abraham Bernard Kriegel
John Harold North
George M. L. Sommerman

## BACHELORS OF SCIENCE IN CHEMISTRY

William Tilghman Bishop, of Maryland
Robert Elting Burnett, of Maryland
Sylvan Barnett Falck, of Maryland
Richard Leiter Johnston, of Maryland
Samuel Isaac Katzoff, of Maryland
Charles Titus Mentzer, Jr., of Maryland
Carroll Norman Rill, of Maryland
Reuben Roseman, of Maryland
William Ellsworth Russell, of Maryland
Carlton Eugene Smith, of Maryland
Edward Edgar Thompson, Jr., of Maryland
Woodward Leakin Welsh, of Maryland

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### GRADUATING WITH HONOR

Richard Leiter Johnston
Samuel Isaac Katzoff

## BACHELORS OF SCIENCE IN ECONOMICS

Casper Ezra Cline, Jr., of Maryland
Howard Ludlow Gilbert, Jr., of Maryland
George Roberts Hill, of Maryland
John Henry Horst, of Maryland
John Robert Myers, of Maryland
Charles Merrick Reeder, of Maryland
Charles Augustus Rittler, of Maryland
William Hawk Thomson, of Maryland
Samuel Morris Weintrob, of Maryland

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## BACHELORS OF SCIENCE

Harry Bard, of Maryland
Mary Hodges Barker, of Maryland
Anna Margaret Beehler, of Maryland
Virginia Raphael Bennett, of Maryland
Miriam Riggs Burch, of Maryland
John Gordon Carroll, of Maryland
Lewis Edward Dufty, of Maryland
Maude Augusta Fell, of Maryland
Ellen Stack Griffiths, of Maryland
Elmer Ellsworth Hall, of Maryland
Anne Elizabeth Hartman, of Maryland
Elizabeth Spring Hoffmeister, of Maryland
George Ketler Houck, Jr., of Maryland
Myrtle Hax Kinsey, of Maryland
Bernice Legum, of Maryland
Mary Ellen Logan, of Maryland
Madeleine Edith Lorenz, of Maryland
Catherine Ellen Lusby, of Maryland
Roberta Harker Malambré, of Maryland
Mary Isabelle Miller, of Maryland
Lineta B. Caples Morris, of Virginia
Dora Frances Myers, of Maryland
Grace Reed, of Maryland
Clara Linwood Roberts, of Maryland
Thekla Dorothea Schmidt, of Maryland
Isadore Shavrick, of Maryland
John Bowen Sheppard, of Maryland
Edna May Shimp, of Maryland
Marie Estelle Wallace, of Maryland
Helen Elizabeth Wellener, of Maryland
Ida Amelia Wholey, of Maryland
Irma Estelle Williams, of Maryland

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## RECIPIENTS OF CERTIFICATES IN PUBLIC HEALTH

Vivia B. Appleton, of Hawaii, A.B. Cornell University 1901; M.D. Johns Hopkins University 1906

Dumitru Alfred Cornelson, of Roumania, M.D. University of Bucharest 1927

James Anderson Crabtree, of Tennessee, S.B. University of Tennessee 1923; M.D. 1925

Jan Antoni Danielski, of Poland, M.D. University of Kharkov 1916

Adrian Roger Foley, of Canada, M.D. Laval University 1922

Jean Grégoire, of Canada, A.B. Joliette College 1918; M.B. University of Montreal 1922; M.D. 1924

John Maxwell Hall, of Jamaica, M.R.C.S. England; L.R.C.P. London 1925

Nicola Lajeff, of Bulgaria, M.D. University of Carolo Ferdinandea 1923

Allan Lockhart McLean, of Canada, M.D.C.M. Dalhousie University 1926

Paris Emancipacion Menendez, of Paraguay, B.Sc. e Lett. National College of Asuncion 1923; Ph.G. National University of Asuncion 1926

Daniel Franklin Milam, of Florida, A. B. Vanderbilt University 1916; M.D. University of Chicago 1924

Chieta Mitsuhori, of Japan, M. D. Keio University 1925

Haruo Mizushima, of Japan, M.D. Tokyo Imperial University 1923

Miguel Muñoz Ochoa, of Guatemala, M.D. University of Guatemala 1921

Mladen Pavlovitch, of Jugoslavia, M.D. University of Montpellier 1922

Mario de Almeida Pernambuco, of Brazil, A.B. University of Paris 1909; M.D. Faculty of Medicine, Rio Janeiro 1915

Peter Verbeff, of Bulgaria,, S.B. Gymnasium Sofia 1908; M.D. University of Kharkov 1914

Frederick Jacob Wampler, of Virginia, A.B. Bridgewater College 1908, A.M. 1912; M.D. University of Chicago 1913

I-chin Yuan, of China, M.D. Peking Union Medical College 1927

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# MASTERS OF ARTS

## WITH TITLES OF ESSAYS

HENRY ABRAHAM BERG, of Maryland, A.B. Mt. St. Joseph's College 1912. History
Catholic Missionary Activities in the Southern States during the Reconstruction Period (1865-1878)

EVELYN MOORE BOATWRIGHT, of Virginia, A.B. University of Richmond 1925. English
Edmund Spenser's Letter to Sir Walter Raleigh: A Letter Prefatory to the *Faerie Queene,* Edited with Introduction and Notes

ELEANOR JOSEPHINE BORZILLERI, of New York, A.B. Vassar College 1926. Greek
The Language of the Clouds of Aristophanes

STATIA BRILL, of New Jersey, A.B. Wellesley College 1926. Political Economy
A Study of a Group of Mentally Retarded Women under the Care of the Family Welfare Association

AUGUSTA DELLONE, of Maryland, S.B. Johns Hopkins University 1922. Education
A Study of Adult Language Needs as Revealed by Parents' Letters to Schools

BESS GLENN, of South Carolina, A.B. Converse College 1926. English
Accuracy in Shelley's Descriptions of Nature

ELINOR ROOT GOODNOW, of Maryland, A.B. Vassar College 1913. Political Economy
The Modification of Adult Habits

CAROLINE ELISE GROTE, of Maryland, S.B. Johns Hopkins University 1919. Education
A Study of the Writing Vocabulary of Some Tenth Grade Girls

MARION LOUISE GRUBB, of Maryland. Romance Languages
A Critical Edition of Pierre du Ryer's *Lucrèce*

KATHARINE LORETTA HEALY, of Maryland, S.B. Johns Hopkins University 1921. Education
A Study of the Factors Involved in the Rating of Pupils' Compositions

REBECCA AGNEW HOLT, of Alabama. Bacteriology
A Study of *Bacillus Coli* as an Index of the Proper Pasteurization of Milk, with Special Reference to Swenarton's Fermentation Test and Standard

GRACE HOOPER, of Maryland, A.B. Goucher College 1923. Education
A Study of the Vocabularies of High School Physics Textbooks

ARTHUR HOWARD HUGHES, of Maryland, A.B. Johns Hopkins University 1927. German.
Zur Textgeschichte von Goethes "Tancred"

THEODORE ROSKAM JEHNE, of Virginia, S.B. Johns Hopkins University 1927. German
Wieland's Nachlass des Diogenes von Sinope

HELEN MAY JOHNSON, of Maryland, S.B. Johns Hopkins University 1924. Education
What Effect Does the Use of the Library as a Coordinating Agency Have upon Pupils at the Canton Platoon School (Experimentally Determined)

ROSINA COBLENS JOSEPH, of Maryland, S.B. Johns Hopkins University 1924. Education
A Comparative Study of the Achievements in General Science of Students in Academic, Commercial, and Technical Courses in Junior High School

FREDERIC HARTWELL KELLOGG, of Pennsylvania, G.E. Colorado School of Mines 1927. Geology
The Titanium Ore Deposits: Their Geology, Mineralogy, and Economic Importance

BLANCHE LOHMANN, of the District of Columbia, A.B. George Washington University 1927. Political Economy
Industrial Employment of Cardiacs in Baltimore

FRANCES DOUB NORTH, of Maryland, S.B. Johns Hopkins University 1924. Education
The Effect of Maturity upon the Learning of Begin-Typewriting by Girls

LAURENCE ARMSTRONG PETRAN, of Minnesota, A.B. Carleton College 1923; B.Mus. 1923. Psychology
The Influence of Word Order on Controlled Association Reaction Times

KATHLEEN ELIZABETH GROGAN POWERS, of Maryland, A.B. Notre Dame College 1925. Education
The Treatment of Adolescence by Certain Educational Writers from the Seventeenth to the Twentieth Century

ISAAC WILLIS RUSSELL, of Maryland, A.B. Johns Hopkins University 1924. English
The Sources of Spenser's 'Mother Hubberds Tale'

NELLIE MARIE RUZICKA, of Maryland, A.B. Goucher College 1927. Political Economy
Unemployment in Family Case-Work in Baltimore, 1926

ELIZABETH MATHILDE SCHNEIDER, of Ohio, A.B. Wittenberg College 1927. Zoology
Observations Regarding Certain Characteristic Features in the Development of the Placenta of the Rat through Study of a Series of Timed Stages

RENÉ MAURICE STÉPHAN, of France, A.B. Johns Hopkins University 1923. Romance Languages
Le Paysan dans la Littérature Française du XVII^e Siècle

MARY FRANCES SULTZER, of Maryland, S.B. Johns Hopkins University 1925. Education
What Gains (Experimentally Determined) Will Children Make in Reading when Specific Remedial Measures are Applied Over a Limited Period (Two Months)?

MARY DORA WEBER, of Maryland, A.B. Goucher College 1916. Physics
The Scattering of Light

ELEANOR WRIGHT, of Maryland, S.B. Johns Hopkins University 1920. Romance Languages
The Female Attendant from Jodelle to Molière

JACOB YERUSHALMY, of Palestine, A.B. Johns Hopkins University 1927. Mathematics
On Pencils of Equianharmonic Cubics

WILLIAM GORDON ZEEVELD, of New York, A.B. Rochester University 1924. English
Studies in the Theory of History in Elizabethan Literature

## DOCTOR OF ENGINEERING

WITH TITLE OF DISSERTATION

Clair Lee Lemmon, of Maryland, B.E. Johns Hopkins University 1926. Electrical Engineering

Conductivity of Atmospheric Air

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## DOCTORS OF PUBLIC HEALTH

WITH TITLES OF ESSAYS

James Bailey Black, of Tennessee, M.D. Tulane University 1918; C.P.H. Johns Hopkins University 1924

A Comparative Study of Susceptibility to Diphtheria in the White and Negro Races

Irmgard Dresel, of Maryland, M.D. University of Munich 1920

Studies on Bacteriophage

Robert Henri Hazeman, of France, M.D. University of Paris 1924; Dip.Hyg. 1924

On the Errors in the Estimation of Post Censal Population

C. V. Natarajan, of India, S.B. Central College, Bangalore 1920; M.B.B.S. Medical College, Madras 1925; C.P.H. Johns Hopkins University 1928

Cataphoresis Experiments on Various Viruses

Vivian Arthur VanVolkenburgh, of Michigan, S.B. University of Michigan 1916; M.D. 1918

A Study of the Respiratory Diseases Prevailing in a Group of Families Residing in Baltimore, Maryland, from October 1928 to March 1929

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## DOCTORS OF SCIENCE IN HYGIENE

WITH TITLES OF DISSERTATIONS

Claude Heman Barlow, of China, M.D. Northwestern University 1906; Dip. London School of Tropical Medicine 1914. Helminthology

The Life Cycle of the Human Intestinal Fluke Fasciolopsis Buski (Lankester)

Walter Elzra Dove, of Texas, S.B. Mississippi Agricultural and Mechanical College 1913. Helminthology

Studies on the Stability of Ancylostoma Braziliensi of Dogs and Cats in Producing Lesions of Creeping Eruption

Gilbert Fred Otto, of Michigan, A.B. Kalamazoo College 1926; S.M. Kansas State Agricultural College 1927. Helminthology

Studies on the Factors Influencing the Epidemiology of Ascariasis in the United States

Merritt Pardee Sarles, of New York, S.B. Wesleyan University 1925. Helminthology

Experimental Studies on the Dog and Cat Hookworms: Ancylostoma Caninum and A. Braziliensi

Lloyd Ancil Spindler, of Kansas, S.B. Kansas Agricultural College 1926; S.M. 1927. Helminthology

Field and Laboratory Studies on the Factors Influencing the Dissemination of Certain Human Parasitic Worms

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# DOCTORS OF MEDICINE

Theodore Judson Abernethy, of the District of Columbia, S.B. Denison University 1925

Conrad Berens Acton, of New Jersey, S.B. Haverford College 1925

Mary Adams, of New York, A.B. Bryn Mawr College 1923

Andrew John Edward Akelaitis, of Maryland, A.B. Johns Hopkins University 1925

Arnold Archibald Albright, of Oklahoma, A.B. University of Oklahoma 1926; S.B. 1927

Robert Henry Aldrich, of Louisiana, S.B. Princeton University 1925

Anna Skinkle Allen, of New York, A.B. Reed College 1924

Elmer Sigfrid Anderson, of Pennsylvania, S.B. Allegheny College 1925

James Givings Arnold, Jr., of Maryland, A.B. University of North Carolina 1925

Evan Mansfield Barton, of Illinois, A.B. Williams College 1924

Frank Hartsuff Bethell, of New York, A.B. Princeton University 1925

James Van Allen Bickford, Jr., of Virginia, S.B. Virginia Military Institute 1924

John Earle Bordley, of Maryland, Ph.D. Yale University 1925

George Brewer, of Maryland, A.B. Johns Hopkins University 1925

Howard Gerald Bruenn, of New York, A.B. Columbia University 1925

Royall Mann Calder, of Texas, A.B. University of Texas 1925

Emil Bogomir Cekada, of Washington, S.B. University of Washington 1923; Sc.D. in Hygiene Johns Hopkins University 1926

Earle MacArthur Chapman, of Michigan, S.B. Michigan State College 1925

Harriet Josephine Cossmann, of New York, A.B. Mt. Holyoke College 1925

Erle Bulla Craven, Jr., of North Carolina, A.B. Duke University 1925

William Worcester Elgin, of Virginia, A.B. Washington and Lee University 1925

Ella Morgan Austin Enlows, of the District of Columbia, A.B. George Washington University 1915, M.S. 1916 and Ph.D. 1923.

Margaret Julia Kappel Farley, of Michigan, A.B. Goucher College 1925

Jacob Ellis Finesinger, of Maryland, A.B. Johns Hopkins University 1923; A.M. 1925

Frederic Andrew Gibbs of Maryland, A.B. Yale University 1925

Franklin Hayward Grauer, of New York, A.B. Princeton University 1924

Arthur Vose Greeley, of New Hampshire, S.B. Yale University 1925

Bernard Lauriston Hardin, Jr., of the District of Columbia, A.B. Yale University 1925

Ralph Gorman Hills, of the District of Columbia, S.B. Princeton University 1925

Howard Atkinson Howe, of New York, A.B. Yale University 1925

Phillips Johnson, of Pennsylvania, S.B. Haverford College 1925

Milton Benjamin Kirsh, of Maryland, A.B. Johns Hopkins University 1925

Hedwig Koenig, of New York, A.B. Barnard College 1918; A.M. Columbia University 1920

Frederick Evert Kredel, of Pennsylvania, S.B. University of Pittsburgh 1924; M.S. 1927

Chi-Liang Kwei, of China, A.B. Wellesley College 1925

Maurice Lenarsky, of New York, S.B. New York University 1925

John Herman Long, of Oklahoma, A.B. University of Oklahoma 1925; S.B. 1927

Raymond David Lublin, of Connecticut, S.B. Yale University 1925

Samuel Morrison, of Maryland, A.B. Johns Hopkins University 1925

Walter Kendall Myers, of Pennsylvania, S.B. Princeton University 1925

William Walker Noel, of Virginia, S.B. Hampden-Sidney College 1925

Max Oglesbee Oates, of West Virginia, A.B. Johns Hopkins University 1924

Robert Lee Oliver, of Georgia, A.B. Vanderbilt University 1923

Kenneth Angle Owen, of New York, A.B. Williams College 1925

Richard Townley Paton, of New Jersey, S.B. Princeton University 1925

Maunsel Bennett Pearce, of Louisiana, A.B. Louisiana College 1922

Wilmot Frank Pierce, of Wisconsin, S.B. Beloit College 1925

Norman Anthony Pokorny, of Wisconsin, A.B. Marquette University 1925

Alexander Pearson Preston, of New York, A.B. Yale University 1925

Douglas Barnes Remsen, of New York, A.B. Princeton University 1925

Marjorie Clarissa Roach, of Massachusetts, A.B. Brown University 1925

John Wadsworth Robertson, of California, A.B. Stanford University 1926

Herbert Bernard Rothschild, of Georgia, S.B. University of Georgia 1925

Nicholas Samponaro, of Connecticut, S.B. Trinity College (Conn.) 1925

Rudolph Joseph Schork, of Ohio, A.B. John Carroll University 1925

Francis Frederic Schwentker, of New York, S.B. Union College 1925

Alvin Otis Severance, of New York, A.B. Cornell University 1925

Richard Tillard Shackelford, of Maryland, A.B. Princeton University 1925

Clarence Simpson Thomas, of Alabama, A.B. Howard College 1924

Heber Olney Tucker, of North Carolina, A.B. Duke University 1925

Robert Otey Yancey Warren, of Maryland, A.B. Dartmouth College 1925

Henry Martin Weyrauch, Jr., of New York, A.B. Union College 1925

Dorothy Vermilya Whipple, of the District of Columbia, A.B. University of Wisconsin 1923; A.M. 1926

Hyman Winters, of Connecticut, S.B. Yale University 1925

Richard John Wise, of Pennsylvania, S.B. Gettysburg College 1923; M.S. 1924

Irving Jacob Wolman, of Massachusetts, A.B. Amherst College 1925

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WINNERS OF THE WILLIAM H. HOWELL AWARD

William W. Noel

Francis F. Schwentker

## DOCTORS OF PHILOSOPHY

WITH TITLES OF DISSERTATIONS

Paul Acquarone, of Maryland, S.B. Pennsylvania State College 1924. Botany

Studies in the Musaceae. II. The Anatomy of the Root, and Its Bearing on the Relationships of the Genera

Robert Bowling Barnes, of Alabama, A.B. Birmingham Southern College 1925. Physics

Spectroscopic Investigations in the Infra-Red.

Edward Willard Berry, of Maryland, A.B. Johns Hopkins University 1923. Geology

Lepidocyclina from the Verdun Formation of Northwestern Peru

Edward Charles Billheimer, of Pennsylvania, S.B. Gettysburg College 1926. Chemistry

The Decomposition of Mercaptans in Alkali Solutions

Jefferson Davis Blackwell, of Maryland, S.B. University of Missouri 1914; A.M. Columbia University 1923. Education

The Organization and Supervision of Vocational Education in Maryland County High Schools

Howard Lewis Briggs, of New Jersey, A.B. Johns Hopkins University 1924. History

Public Opinion in the United States on the Holy Alliance 1815-1826

Johannes Hadeln Bruun, of Norway, Dipl.Ing. Norwegian Institute of Technology 1923

The Isolation of Some of the Chemical Constituents of Petroleum

Alice Virginia Cameron, of Maryland, A.M. Johns Hopkins University 1928. Romance Languages

The Influence of Ariosto's Epic and Lyric Poetry on Ronsard and His Group

Chung Fu Chang, of China, A.B. University of Michigan 1925; A.M. Harvard University 1927. Political Science

The Anglo-Japanese Alliance

Maurice Chazin, of New York, S.B. New York University 1925; A.M. 1926. Romance Languages

French Culture as Reflected in the *Atlantic Monthly*, 1857-1900

Leonard Bertrand Clark, of Canada, A.B. University of Manitoba 1923; A.M. Johns Hopkins University 1926. Zoology

Reactions to Light in the Beetle, Dineutes Assimilis Aube

Lancaster Eugene Dabney, of Texas, A.B. University of Texas 1922; A.M. 1924. Romance Languages

Claude Billard, a Minor French Dramatist of the Early Seventeenth Century

Lynn Hugh Dawsey, of Mississippi, S.B. Alabama Polytechnic Institute 1926. Chemistry

The Absorption Spectrum and Photochemical Dissociation of Hydrogen Peroxide

Robert Freeman Deese, Jr., of Georgia, S.B. Emory University 1924; S.M. 1925. Chemistry

The Heat Capacities of Some Aliphatic Bromides

George Lawrence Dorough, of Delaware, S.B. Emory University 1925; S. M. 1926. Chemistry

Some Isomeric Octanols

Albert Benjamin Ford Duncan, of Tennessee, S.B. in Chem. University of Virginia 1924. Chemistry

The Decomposition of Thallic Oxide

Linus Marvin Ellis, of Georgia, S.B. Emory University 1925; S.M. 1926. Chemistry

The Preparation and Properties of Certain Higher Aliphatic Mercaptans

Lloyd Wellington Fisher, of Pennsylvania, A.B. Lehigh University 1921; S.M. Pennsylvania State College 1923. Geology

Chromite, Its Paragenesis, Mineral, and Chemical Composition

Hugh Bryson Glass, of Alabama, S.B. Washington and Lee University 1926. Chemistry

Some Isomeric Octanols

Arthur Ernest Gordon, Jr., of Maryland, A.B. Dartmouth College 1923. Latin

Local Cults in Latium

Harry Joseph Green, of Maryland, A.B. Johns Hopkins University 1926; LL.B. University of Maryland 1927. Political Science

A Study of the Legislature of the State of Maryland, with Especial Reference to the Session of 1927

Elizabeth Juanita Greer, of Georgia, A.B. Agnes Scott College 1926. Chemistry

Studies in Intensive Drying

Lena James Hawks, of Maryland, A.B. Goucher College 1900; A.M. Vanderbilt University 1908. Education

Certain Relationships between Scholarship in High School and in College

Julia Elizabeth Heil Heinlein, of Maryland, S.B. Johns Hopkins University 1925; A.M. 1928. Psychology

Preferential Manipulation in Children

Alton Ross Hodgkins, of the District of Columbia, A.B. Bates College 1911; A.M. American University 1926. Political Economy

Campomanes: A Representative Spanish Economist of the Time of Adam Smith

Percy Leonidas Howard, of Alabama, A.B. Birmingham Southern College 1923; A.M. University of Chicago 1926. English

Whitman's Evangel of Democracy

Percy Leroy Johnson, of Maine, S.B. University of Maine 1923; S.M. Syracuse University 1925. Zoology

Is Binary Fission the Only Method of Reproduction in Amoeba Proteus?

Carrie May Kurrelmeyer, of Maryland, A.B. Goucher College 1924. Latin

The Economy of Actors in Plautus

Oscar Doane Lambert, of West Virginia, A.B. West Virginia University 1916; A.M. University of Chicago 1921. History

The Presidential Election of 1844.

Dorothy Lampen, of Montana, A.B. Carleton College 1926. Political Economy

Economic and Social Aspects of Federal Reclamation

Vernal Earl Light, of Pennsylvania, A.B. Lebanon Valley College 1916; S.M. 1926. Zoology

Photoreceptors in Mya arenaria L. with Special Reference to Their Distribution, Structure and Function

Olga Pauline Longi, of France, A.M. University of Minnesota 1925. Romance Languages

Le Sentiment de la Patrie dans l'Oeuvre de Chateaubriand et de son Groupe Littéraire

Warren Bryan Mack, of Pennsylvania, Ph.B. Lafayette College 1915; B.Sc. Pennsylvania State College 1921; S.M. Massachusetts Agricultural College 1924. Plant Physiology

The Relation of the Partial Pressure of Oxygen to Respiration and Growth in Germinating Wheat

George Bascomb Malone, of Georgia, S.B. Emory University 1926. Chemistry

Some Isomeric Octanols

George Edward Manger, of Maryland, A.B. Johns Hopkins University 1923. Geology

Some Pleistocene Mollusks of San Quintin Bay and Other Localities from Lower California

Aaron Margalith, of Maryland, A.B. Johns Hopkins University 1926. Political Science

The International Mandates

Klare Stephen Markley, of the District of Columbia, S.B. in Chemical Engineering George Washington University 1924; M.S. in Chemistry 1925. Chemistry

The Effect of a Change in Solvent upon the Reaction of Thiocarbanilide and Chloracetic Acid and Condensation of the Products Formed with Aromatic Aldehydes

Frederic Thurman Martin, of Pennsylvania, Ch.E. Lehigh University 1925. Chemistry

Studies on the Porous Disc Method of Measuring Osmotic Pressure. Part I

Charles Milton, of New York, A.B. University of Iowa 1921. Geology

Nepheline Syenites and Related Rocks of the Franklin Furnace Quadrangle of New Jersey

Alfred King Mitchell, of Virginia, A.B. Johns Hopkins University 1925; A.M. 1927. Mathematics

The Derivation of Tensors from Tensor Functions

William Kelso Morrill, of Maryland, A.B. Johns Hopkins University 1925; A.M. 1927. Mathematics

A Problem of Ambience

George Emmanuel Mylonas, of Greece, A.B. International College, Smyrna, 1919; Ph.D. University of Athens 1927. Archaeology

The Neolithic Settlement at Olynthus

Robert Donald Ohrenschall, of Maryland, A.B. Johns Hopkins University 1924. Geology

The Phosphate Deposits of Middle Tennessee

Alpha Loretta Owens, of Kansas, A.B. University of Kansas 1901; A.M. 1903. Romance Languages

The Life of the Child as Studied Primarily in the French Drama before 1550

Richard Alexander Parker, of Maryland, A.B. Johns Hopkins University 1921. Romance Languages

Claude de l'Estoille, Poet and Dramatist, 1597-1652, with a Critical Edition of his *La Belle Esclave,* Tragi-Comedie

Wellington Amos Parlin, of Maryland, A.B. Simpson College 1920; S.M. University of Iowa 1921. Physics

The Effect of Temperature on the Absorption Bands of Fused Quartz in the Infra-Red

Helen Adeline Pratt, of Massachusetts, A.B. Radcliffe College 1919. Chemistry

I. The Effect of Electrolytes on the Gelation of Silicic Acid Sols

II. The Preparation of Pure Sols of Silicic Acid

Charlotte Rice, of Ohio, A.B. Ohio Wesleyan University 1926. Psychology

The Orientation of Plane Figures as a Factor in their Perception by Young Children

Edward Franklin Richards, of Maryland, A.B. Johns Hopkins University 1924. Geology

Cretaceous Pelecypods, Gastropods, and Echinoids of the Ellsworth Expedition to Northern Peru

Gregory Schramm, of New Jersey, A.B. St. Vincent College 1922; A.M. Catholic University of America 1926; A.M. Columbia University 1927. Psychology

Direction of Children's Emotional Movements

Lawrence Henry Schultz, of California, A.B. University of Southern California 1922; A.M. Columbia University 1923. Chemistry

Studies on the Porous Disc Method of Measuring Osmotic Pressure

Louise Cleret Seibert, of Maryland, A.B. Goucher College 1920. Education

A Series of Experiments on the Learning of French Vocabulary

Venila Lovina Shores, of Vermont, A.B. Bates College 1914; A.M. Smith College 1918. History

The Presidential Election of 1836

Kenneth Hood Slagle, of Maryland, S.B. in Chem. Johns Hopkins University 1926. Chemistry

Decomposition of Aliphatic Ketones in the Gas Phase

Richard Harbert Smith, of the District of Columbia, S.B. Moores Hill College 1915; S.B. Massachusetts Institute of Technology 1918; A.M. Johns Hopkins University 1928. Physics

Aerodynamic Theory and Test of Strut Forms—Part II

Dorothy Speer, of Maryland, A.B. Goucher College 1923. Education

An Experimental Evaluation of Seven Composition Scales

Clyde Allen Spicer, of Virginia, A.B. University of Richmond 1923; A.M. Johns Hopkins University 1927. Mathematics

P-Curves of Cremona Transformations

Ludwig Adolph Staib, Jr., of Maryland, A.B. Johns Hopkins University 1926. Chemistry

The Surface Decomposition of Nitrogen Pentoxide

George Frederick Adelbert Stutz, Jr., of Pennsylvania, Ch.E. Lehigh University 1922; A.M. Johns Hopkins University 1924. Physics

A Study of the Scattering of Light by Dielectrics of Small Particle Size

Helen H. Tanzer, of New York, A.B. Columbia University 1903. Archaeology

The Common People of Pompeii: A Study of the Graffiti

Theodore Theodorsen, of Maryland, Dipl.Ing. Technical University of Norway 1922. Physics

On the Propagation of Large Disturbances in a Gas

Benjamin Platt Thomas, of Maryland, A.B. Johns Hopkins University 1924. History

Diplomatic Relations Between The United States and the Russian Empire 1815-1867

Frederick Carver Wagner, of Pennsylvania, A.B. Dickinson College 1921; S.B. Massachusetts Institute of Technology 1924. Chemistry

A Comparative Study of Some Aliphatic Sulfonic Acids

Paul Knorr Walp, of Virginia, A.B. University of Virginia 1925; A.M. 1926. Political Science

The Respective Functions of the Council and the Assembly of the League of Nations

Edward Hann Watson, of Maryland, A.B. Johns Hopkins University 1925. Geology

The Pegmatites of Maryland with Discussion of Associated Phenomena

Theodore Marshall Whitfield, of Virginia, A.B. University of Richmond 1926. History

Slavery Agitation in Virginia 1829-1832

Robert Henry Wienefeld, of Maryland, A.B. Johns Hopkins University 1925. History

Franco-German Relations

Carl Edwin Willoughby, of Maryland, S.B. in Chemistry Johns Hopkins University 1925. Chemistry

Further Studies in the Preparation of Osmotic Pressure Cells

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## DOCTOR OF LAWS

Frederick George Donnan, of England, Professor of General Chemistry, University College, London

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